

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A method enabling a mobile user having a terminal at least able to connect to a public land mobile network and ~~a~~another terminal at least able to connect to a wireless local area network which is of a different network type from the public land mobile network and forming a part of a private network, on-switching to switch between said public land mobile network and said private network to receive calls ~~via~~through the a network more suited for receiving calls to his based on the user's location, ~~which method consists in the method comprising:~~

[[-]] determining if said terminal able to connect to said wireless local area network is present in ~~or absent from the a~~ coverage area of said wireless local area network, ~~and;~~ and

[[-]] activating call forwarding to a predetermined call forwarding number ~~when-if~~ said terminal at least able to connect to ~~a~~the wireless local area network is present in said coverage area of said wireless local area network, ~~and then deactivating call forwarding when-if~~ said terminal is no longer present in said coverage area of said wireless local area network;

~~and which method further consists in, for~~ wherein the activating call forwarding; further comprises:

[[-]] determining the location of ~~a~~the user in one of a plurality of cells of said wireless local area network;

[[-]] reading a plurality of call forwarding numbers stored in a table at an address corresponding to said user, ~~and;~~ and
[[-]] selecting one of said call forwarding numbers ~~as a function of~~ based on a presence indication of the user, the presence indication designating one of ~~a~~ the plurality of cells ~~constituting within~~ said wireless local area network.

2. (currently amended): The method claimed in claim 1, further comprising writing in said table, for each user authorized to receive calls ~~via through the a~~ network more suited for receiving calls to his based on the user's location;

[[-]] wherein the writing in said table further comprises:
writing a number specific to said terminal at least able to connect to a public land mobile network and enabling said terminal to be called in said public land mobile network;

[[-]] writing a plurality of call forwarding numbers corresponding to a plurality of respective cells of said wireless local area network in which said user may be located, ~~;~~ and

[[-]] writing a presence indication designating one of a plurality of cells constituting said wireless local area network.

3. (original): The method claimed in claim 2, further comprising writing in a table of an application server a new presence indication for each user whose location has changed.

4. (original): The method claimed in claim 1 wherein a call forwarding number corresponds to a terminal of a fixed network.

5. (currently amended): The method claimed in claim 1, wherein, ~~to the determine~~ determining the location of a user in ~~the coverage area of a one of the plurality of cells of said~~ wireless local area network, it comprises the steps of further comprises:

[[-]] obtaining successively from each ~~successive~~ radio access point of a wireless local area network ~~the a number of terminals present in the radio access point coverage area in its coverage area;~~

~~then, for each radio access point of said wireless local area network, obtaining an identifier specific to a terminal from each terminal n times from said access point an identifier specific to a terminal, where n is the number of terminals present in the coverage area of said each radio access point;~~ and

[[-]] receiving and ~~then~~ storing said identifiers and comparing them with identifiers previously stored to ~~deduce from the result of the comparison~~ determine which terminals have become present and which terminals have become absent in the coverage area of said wireless local area network.

6. (canceled).

7. (new): An application server which commands activation or deactivation of call forwarding, the call forwarding enabling a mobile user having a terminal at least able to connect to a public land mobile network and another terminal at least able to connect to a wireless local area network which is of a different network type from the public land mobile network and forms a part of a private network to receive calls through a network more suited for receiving calls based on the user's location, the server comprising:

an activation unit which sends the public land mobile network a call forwarding activation message if the terminal at least able to connect to the wireless local area network is present in a coverage area of the wireless local area network, wherein the call forwarding activation message comprises a call forwarding number with which the terminal at least able to connect to the wireless local area network can be called; and

a deactivation unit which sends the public land mobile network a call forwarding deactivation message if the terminal at least able to connect to the wireless local area network is no longer present in the coverage area of the wireless local area network, wherein the call forwarding deactivation message comprises a number specific to a terminal at least able to connect to a public land mobile network and the number through which the user can be called in the public land mobile network;

wherein the activation unit further comprises:

a table which contains a plurality of call forwarding numbers for each user, where the table contains the call forwarding number for at least one user; and

a selection unit which selects one of the plurality of call forwarding numbers based on a presence indication of the user where the presence indication designates one of a plurality of cells within the wireless local area network where the user is present.